

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053024\
 Data File : VN082394.D
 Acq On : 30 May 2024 14:55
 Operator : JC\MD
 Sample : VN0530WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0530WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/31/2024
 Supervised By : Mahesh Dadoda 05/31/2024

Quant Time: May 31 03:28:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	198886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	336629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	295002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	131660	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	152600	48.592	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.180%		
35) Dibromofluoromethane	8.165	113	107127	51.732	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.460%		
50) Toluene-d8	10.565	98	393545	49.570	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.140%		
62) 4-Bromofluorobenzene	12.853	95	136564	48.193	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	96.380%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	49683	17.327	ug/l	100
3) Chloromethane	2.359	50	53810	16.559	ug/l	96
4) Vinyl Chloride	2.518	62	78195	25.595	ug/l	98
5) Bromomethane	2.959	94	31425	17.896	ug/l	85
6) Chloroethane	3.124	64	35732	17.912	ug/l	94
7) Trichlorofluoromethane	3.500	101	77168	19.290	ug/l	96
8) Diethyl Ether	3.965	74	28383	19.916	ug/l	70
9) 1,1,2-Trichlorotrifluo...	4.371	101	45406	19.430	ug/l	98
10) Methyl Iodide	4.594	142	43062	18.330	ug/l	92
11) Tert butyl alcohol	5.512	59	49806	98.799	ug/l	99
12) 1,1-Dichloroethene	4.342	96	40686	18.731	ug/l #	72
13) Acrolein	4.171	56	33919	90.798	ug/l	96
14) Allyl chloride	5.024	41	88418	19.013	ug/l #	89
15) Acrylonitrile	5.724	53	131738	100.903	ug/l	100
16) Acetone	4.430	43	121254	94.121	ug/l	94
17) Carbon Disulfide	4.718	76	104290	14.866	ug/l	98
18) Methyl Acetate	5.024	43	68746	21.428	ug/l #	87
19) Methyl tert-butyl Ether	5.794	73	162468	20.464	ug/l	94
20) Methylene Chloride	5.283	84	52044	20.023	ug/l #	78
21) trans-1,2-Dichloroethene	5.789	96	44030	18.601	ug/l #	78
22) Diisopropyl ether	6.677	45	187894	19.349	ug/l #	91
23) Vinyl Acetate	6.606	43	744904	97.295	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	97717	19.523	ug/l	96
25) 2-Butanone	7.483	43	191724	98.158	ug/l #	83
26) 2,2-Dichloropropane	7.494	77	83825	19.995	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	55865	19.999	ug/l	84
28) Bromochloromethane	7.812	49	42799	19.071	ug/l #	77
29) Tetrahydrofuran	7.841	42	126100	100.552	ug/l #	84
30) Chloroform	7.965	83	96865	20.266	ug/l	95
31) Cyclohexane	8.259	56	84300	16.807	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	85392	20.138	ug/l	93
36) 1,1-Dichloropropene	8.371	75	65250	18.788	ug/l	96
37) Ethyl Acetate	7.565	43	77092	19.835	ug/l #	95
38) Carbon Tetrachloride	8.365	117	73215	20.796	ug/l	100
39) Methylcyclohexane	9.600	83	67496	17.730	ug/l #	84
40) Benzene	8.606	78	205317	19.825	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	44328	19.392	ug/l #	88
42) 1,2-Dichloroethane	8.671	62	81736	20.520	ug/l	94
43) Isopropyl Acetate	8.688	43	142750	20.727	ug/l #	89
44) Trichloroethene	9.353	130	47715	20.282	ug/l	91
45) 1,2-Dichloropropane	9.624	63	53676	20.087	ug/l	96
46) Dibromomethane	9.712	93	35436	20.199	ug/l	99
47) Bromodichloromethane	9.888	83	77928	21.041	ug/l	96
48) Methyl methacrylate	9.682	41	67632	20.609	ug/l #	82
49) 1,4-Dioxane	9.694	88	19279	419.241	ug/l #	76
51) 4-Methyl-2-Pentanone	10.447	43	411634	105.196	ug/l	89
52) Toluene	10.629	92	126236	20.311	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	78972	20.617	ug/l	93
54) cis-1,3-Dichloropropene	10.312	75	83115	20.500	ug/l #	80
55) 1,1,2-Trichloroethane	11.018	97	48237	21.357	ug/l	98
56) Ethyl methacrylate	10.876	69	79881	20.832	ug/l #	63
57) 1,3-Dichloropropane	11.165	76	86280	20.431	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	178010	89.999	ug/l	92
59) 2-Hexanone	11.194	43	301205	105.128	ug/l	89
60) Dibromochloromethane	11.359	129	55614	22.312	ug/l	97
61) 1,2-Dibromoethane	11.470	107	48341	20.838	ug/l	97
64) Tetrachloroethene	11.106	164	46144	21.104	ug/l	92
65) Chlorobenzene	11.894	112	136642	20.967	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	48384	22.539	ug/l	99
67) Ethyl Benzene	11.965	91	240003	20.587	ug/l	98
68) m/p-Xylenes	12.070	106	176254	41.251	ug/l	91
69) o-Xylene	12.400	106	86205	20.828	ug/l	90
70) Styrene	12.412	104	147247	21.419	ug/l	95
71) Bromoform	12.582	173	35069	20.953	ug/l #	96
73) Isopropylbenzene	12.700	105	224306	21.445	ug/l	99
74) N-amyl acetate	12.494	43	119063	20.694	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.935	83	67523	22.395	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	62677m	22.618	ug/l	
77) Bromobenzene	12.982	156	54167	21.731	ug/l	91
78) n-propylbenzene	13.035	91	260613	21.041	ug/l	97
79) 2-Chlorotoluene	13.123	91	161016	20.702	ug/l	95
80) 1,3,5-Trimethylbenzene	13.170	105	186082	22.002	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	23833	20.116	ug/l #	77
82) 4-Chlorotoluene	13.223	91	158143	20.796	ug/l	96
83) tert-Butylbenzene	13.441	119	159223	21.519	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	185099	21.392	ug/l	99
85) sec-Butylbenzene	13.617	105	218499	21.305	ug/l	98
86) p-Isopropyltoluene	13.729	119	180502	21.656	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	96473	21.363	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	95242	20.664	ug/l	98
89) n-Butylbenzene	14.059	91	154933	20.681	ug/l	98
90) Hexachloroethane	14.335	117	32157	20.823	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	93877	21.961	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13744	22.186	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	49670	20.729	ug/l	98
94) Hexachlorobutadiene	15.506	225	21186	20.150	ug/l	99
95) Naphthalene	15.641	128	164053	21.847	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	50381	21.003	ug/l	97

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

